

FANG Lei [方磊] – Texas A&M University Timeline

- FANG traveled extensively to Mainland China between 2014 – 2020 to deliver lectures and attend conferences.
- FANG was a United States research funding Proposal Reviewer beginning in 2014.
- FANG published with Chinese research entities on multiple occasions beginning in 2015 and until his departure.
- FANG received National Science Foundation (NSF) research funding between 2017 – 2026.
- FANG received National Institutes of Health (NIH) funding between 2019 – 2025.
- FANG cofounded Ningbo Kunpeng Environment Sci-Tech Co., Ltd. [宁波鲲鹏环保科技有限公司] in 2017, and was a Consultant with the Company until 2019.
- FANG's CV indicated Texas A&M University Patent No. US20180194891A1 was licensed to Ningbo Kunpeng Environment Sci-Tech Co., Ltd. in January 2018.
- FANG initiated “Synthesis Agreements” research projects with Ningbo Kunpeng Environment Sci-Tech Co., Ltd. between June 2018 – May 2019.
- FANG was a “Flexible Joint Visiting Professor” at Nanchang Hangkong University's (NCHU) Key Laboratory of Jiangxi Province for Persistent Pollutants Control and Resources Recycle (EDRPCLAB) [江西省持久性污染物控制与资源化重点实验室] between 2018 – 2021, concurrent with federally-funded research projects.
 - Note: Although each contract is different, common Maligned Foreign Talents Recruitment Program contract lengths are three (3) years and five (5) years.
- FANG received research funding support from NCHU between June 2018 – May 2021.
- FANG was a Technical Advisory Committee Member of the NCHU National-Local Joint Engineering Research Center for Heavy Metal Pollutant Control and Resource Utilization beginning in 2020.
- FANG received Visiting Scholarship funding support from Fudan University between January 2020 – November 2021.
- FANG's publications and research output citing Texas A&M University declined after 2022.
- FANG resigned from Texas A&M University in Spring 2025.
- YLAB news articles indicated FANG interviewed Maligned Foreign Talent Recruitment Program (Youth Level, Overseas Researchers) applicants during 2025.
- FANG relocated to the Zhejiang Provincial Laboratory for New Materials / Yongjiang Laboratory (YLAB) [甬江实验室] in Fall 2025.

1) Awarded Research Support^{1 2}

- Al-Hashimi, M.; Fang, L.; Banerjee, S.; Al-Hail, S., Non-Flammable Aqueous Zinc Batteries for Integrated Power Management in Autonomous and Manned Vehicles, Qatar National Research Fund (ARG01-0522-230270), \$739,575 (\$144,000 to Fang), April 2024 – March 2027.
- Almeer, S.; Fang, L.; Banerjee, S.; Al-Hashimi, M., Nanocomposite Coatings to Preserve the Structural Integrity of Strategic Assets in Extreme Environments, Qatar National Research Fund (ARG01-0525-230352), \$739,761 (\$145,000 to Fang), April 2024 – March 2027.
- **Fang, L. Gu, X. Collaborative Research: Syntheses and Solution-Phase Properties of Rigid Conjugated Ladder Polymer Chains, National Science Foundation (CHE- 2304968), \$325,000, September 2023 – August 2026.**³
- **Fang, L., Surfactant-Assisted on-Acid Interfacial Polymerization of Porous Polymer Membranes for Organic Solvent Nanofiltration, National Science Foundation (CBET-2300453), \$366,553, July 2023 – July 2026.**⁴
- Fang, L, Synthesis, Coordination Chemistry, and Catalysis of Fully Fused Polypyridine Ligands, The Robert A. Welch Foundation, \$300,000 / June 2022 – May 2025.
- Fang, L. Humboldt Fellowship for Experienced Researcher, Alexander von Humboldt Foundation, ~\$56,000 / February 2022 – August 2024.
- **Laganowsky, A.; Fang, L. Developing New Tools to Probe Membrane Protein-Lipid Interactions for Biomedical Applications, National Institutes of Health (1R01GM139876-01), \$1,158,684 (\$303,000 to Fang) / September 2021 – August 2025.**
- Fang, L. Collaborative Research: Synthesis and Rigidity Quantification of Ladder Polymers with Controlled Structural Defects (In Collaboration with Xiaodan Gu @ University of Southern Mississippi), National Science Foundation (CHE-2003733), \$377,007 / September 2020 – August 2023.⁵
- **Fang, L. Senior Visiting Scholarship on “Helical Supramolecular Self-Assembly Systems Based on Dynamic Donor-Acceptor Interactions”, Fudan University, RMB 80,000 (~\$11,500) / January 2020 – November 2021.**
- Banerjee, S.; Fang, L. et al. (13 co-PIs); A Brain-inspired Approach to Rapid and Energy Efficient Information Processing: AI on the Fly, Texas A&M University X-Grant, \$1,500,000 (~\$60,000 to Fang) / September 2019 – August 2023.
- Fang, L. Centripetal Aza-Circulene and Aza-Helicenes, The Robert A. Welch Foundation (A-1898), \$240,000 / June 2019 – May 2022.
- **Fang, L.; et al. (6 co-PIs) Mol: An Interactive Learning Platform for Difficult Organic Chemistry Concepts, National Institutes of Health SBIR (R44 GM133273-02), \$120,959 (\$45,595 to Fang) / September 2019 – August 2021.**⁶
- Fang, L.; Sue, H.-J.; Borazjani, I. Advanced Mechanical Performances of Polymer Composites Promoted by Rigid-Ladder Molecules, Texas A&M Triads for Transformation (T3) (Project ID 1047), \$30,000 (\$10,000 to Fang) / January 2019 – December 2019.
- Fang, L.; Wang, S. Scalable Reverse Osmosis Membrane with Gradient Porosity for Energy-Efficient Water Desalination, TAMU College of Science Strategic Transformative Research Program, \$49,500 (\$24,750 to Fang) / January 2019 – December 2019.
- Al-Hashimi, M.; Fang, L.; Banerjee, S. High Performance Multifunctional Smart Windows Using Novel Thermochromic Materials for Energy Conservation, Qatar National Priority Research Program (NPRP11S1204-170062), \$600,000 (\$102,719 to Fang) / January 2019 – January 2022.
- **Fang, L. Synthesis Agreements, Ningbo Kunpeng Environment Sci-Tech Co., Ltd \$80,000 / June 2018 – May 2019.**
- Fang, L. Synthesis Agreement, Kaneka Americas Holding, Inc. \$8,000 / June 2018 – July 2019.

¹ https://www.chem.tamu.edu/rgroup/fang/publication/Lei%20Fang_CV_public_02_2024.pdf

² Bold added for emphasis

³ https://www.nsf.gov/awardsearch/show-award?AWD_ID=2304968

⁴ https://www.nsf.gov/awardsearch/show-award?AWD_ID=2300453

⁵ https://www.nsf.gov/awardsearch/show-award?AWD_ID=2003733

⁶ <https://grantome.com/grant/NIH/R44-GM133273-03>

- **Tu, X.; Fang, L. Collaborative Research on Functional Porous Materials for Environmental Remediation, Nanchang Hangkong University, RMB 200,000 (~\$28,000) / June 2018 – May 2021.**
- Klajn, R.; Fang, L. Switchable Nanomaterials by Integrating Molecular Machinery with Metallic Nanoparticles, Weizmann - Texas A&M University Collaborative Program, \$47,522 (\$23,761 to Fang) / January 2018 – December 2019.
- Al-Hashimi, M.; Fang, L.; Banerjee, S. Environmental Monitoring of Hydrocarbons using a Selective, Sensitive and Trainable Electronic BTEX Sensing Platform Integrating Nanoporous Polymer Receptors and Carbon Nanotubes, Qatar National Priority Research Program, (NPRP10-0111-170152), co-funded by Total S.A., \$694,022 (\$120,588 to Fang) / January 2018 – January 2022.
- Laganowsky, A.; Fang, L. Next Generation Detergents for Biophysical Studies of Membrane Proteins, TAMU College of Science Strategic Transformative Research Program, \$49,900 (\$24,950 to Fang) / June 2017 – May 2018.
- **Fang, L. CAREER: Conformational Control of pi-Conjugated Polymeric Materials through Dynamic Bonds, National Science Foundation (DMR-1654029), \$559,818 / June 2017 – August 2022.⁷**
- Naraghi, M; Fang, L. Renewable and Low-cost Carbon Nanofibers for Energy Sector, Texas A&M Energy Institute, \$50,000 (\$25,000 to Fang) / July 2016 – June 2017.
- Fang, L. π -Conjugated Macrocyclic Molecular Belts, The Robert A. Welch Foundation (A-1898), \$195,000 / June 2016 – May 2019.
- Matenoglou, G.; Fang, L.; Banerjee, S.; Bazzi, H. Molecular Engineering of 2D Catalysts for Hydrodesulfurization: Upgradation of Fossil Fuels, Qatar National Priority Research Program (NPRP9-160-2-088), \$686,925 (\$118,256 to Fang) / Sept 2016 – August 2019.
- Al-Hashimi, M.; Fang, L.; Bergbreiter, D. Synthesis and Molecular Engineering of Novel Conjugated Polymers with Zero Torsional Defect for Organic Solar Cells, Qatar National Priority Research Program (NPRP7-285-1-045), \$889,773 (\$315,000 to Fang) / February 2015 – January 2018.
- Fang, L. Bottom-Up Synthesis of Freestanding Two-Dimensional Polymers with Long-Range Order, ACS Petroleum Research Fund, Doctoral New Investigator (PRF# 54249-DNI7), American Chemical Society, \$110,000 / September 2014 – August 2017.
- Zhu, C.; Stang, P.; Fang, L. Heep Graduate Fellowship, Texas A&M Institute for Advanced Studies, \$40,000 / January 2014 – December 2014.
- Fang, L.; Stoddart, J. F. Research Funds for Ryan Fellow, Northwestern University, \$7,500 / 2008–2010.

⁷ https://www.nsf.gov/awardsearch/show-award?AWD_ID=1654029

2) Curriculum Vitae – Last Updated February 2024^{8 9}

Other Appointments

Flexible Joint Visiting Professor / Nanchang Hangkong University	2018–2021
Consultant / Ningbo Kunpeng Environmental Sci-Tech Co Ltd [sic]	2017–2019

Honors, Awards and Memberships

CAPA Distinguished Junior Faculty Award

- Chinese-American Chemistry Professor Association 2019

Patents

5. US Patent US2022/0332924A1, Inventors – Fang, L.; Phillips, B.; Banerjee, S.; Al-Hashimi, M.; Handy, J.; Kalin, A. J. “Cyclodextrin-derived Polymer Nanoparticles for Adsorption and Synthesis Thereof”, Filing Date April 9, 2022; Publication Date October 20, 2022.

4. US Patent with PCT, US2020/0048783A1, WO2018/165449A1, PTC/US2018/021580, Inventors – Choi, Y.-H.; Al-Hashimi, M.; Fang, L.; Banerjee, S. “Electrocatalyst for Hydrogen Evolution Reaction”, Filing Date March 08, 2018; Publication Date February 13, 2020.

3. US Patent, US2018/0194891A1, Patent No. US 10,584,201 B2, Inventors – Fang, L.; Guo, Z-H.; Wang, C.; Zhang, Q.; Zhou, H.-C. “Methanesulfonic acid mediated solvent free synthesis of conjugated porous polymer networks” US Patent and PCT Filing Date January 5, 2018; Publication Date July 12, 2018; Date of Patent March 10, 2020; Licensed to Ningbo Kunpeng Environment Sci-Tech Co., Ltd: January 2, 2018.

2. US Patent, US2017/0260324A1, Patent No. US 10,273,329 B2, Inventors – Fang, L.; Lee, J.; Al-Hashimi, M. “Organic Semiconductor Polymer”, Filing Date March 13, 2017, Publication Date September 14, 2017; Date of Patent April 30, 2019.

1. US Patent, US2015/0105520A1, Patent No. 9,725,557 B2, Inventors – Bao, Z.; Fang, L.; Mei, J.; Zhou, Y. “Conjugated Polymer-Based Apparatuses, Articles and Compounds”, Filing Date October 15, 2014, Publication Date April 16, 2015; Date of Patent August 08, 2017.

Invited Presentations and Lectures

(3) Advancing Organic Materials through Conjugated Molecular Ladders, Frontier of Chemistry Lecture Series, The University of Hong Kong, Hong Kong, China, Nov 22, 2023.

(4) Conjugated Ladder Polymers and Polymer Networks: Fusing Rings for Materials Functions, Hong Kong Polytechnic University, Hong Kong, China, July 19, 2023.

(11) Synthesis, Processing, and Advanced Materials Application of Conjugated Ladder Polymers, 2022 Chinese-American Chemistry & Chemical Biology Professors Symposium, University of South Florida, Tampa, Florida, December 22, 2022.

(15) Synthesis, Processing, and Advanced Materials Application of Conjugated Ladder Polymers, ACS Internet Symposium by ACS — Shanghai Chapter, East China Normal University, Virtual, July 30, 2022.

⁸ https://www.chem.tamu.edu/rgroup/fang/publication/Lei%20Fang_CV_public_02_2024.pdf

⁹ Bold added for emphasis

(24) Three Tales of Smart Organic Materials on Stimuli Responses, Separation, and Sensing, Texas A&M University in Qatar - Science Colloquium, Doha, Qatar, March 22, 2022.

(31) (Cancelled due to COVID) Covalent and Non-Covalent Approaches to Rigid Conjugated pi-Systems, 2nd CAPA Award Symposium, Philly, March 21, 2020.

(33) Organic Porous Polymer Network Materials for Clean Energy Applications, The 2nd International Symposium on New Materials and Technologies for Wastewater Treatment, Nanchang, China, January 10, 2020.

(34) Covalent and Noncovalent Approaches to Rigid Coplanar pi-Conjugated Molecules and Macromolecules, Shanghai Jiaotong University, Shanghai, China, January 3, 2020.

(37) Covalent and Noncovalent Approaches to Rigid Coplanar π -Conjugated Molecules and Macromolecules, Central China Normal University, Wuhan, China, June 21, 2019

(38) Award Lecture: Covalent and Noncovalent Approaches to Rigid Coplanar π -Conjugated Molecules and Macromolecules, The 15th Sino-US Chemistry Professors Conference, Xinxiang, China, June 17, 2019

(39) Molecular Engineering of Porous Polymer Network Membranes for Separation and Desalination, The 1st International Symposium on New Materials and Technologies for Wastewater Treatment, Nanchang, China, December 20, 2018.

(46) Synthesis, Processing and Function of Conjugated Ladder Polymers, Nanchang Hangkong University, Nanchang, China, June 26, 2018.¹⁰

(47) Conjugated Ladder Oligomers and Polymers, The 14th Sino-US Chemistry Professors Conference, Wuhan, China, June 21, 2018.

(49) Integrating Molecular Rigidity and Soft Matter Characters in Ladder Polymers, International Conference on Organic and Polymer Synthesis, Guangzhou, China, April 8, 2018.

(50) Integrating Molecular Rigidity and Soft Matter Characters in Ladder Polymers, South University of Science and Technology of China, April 5, 2018.

(51) Integrating Molecular Rigidity and Soft Matter Characters in Ladder Polymers, Shenzhen University, Shenzhen, China, April 4, 2018.

(57) π -Conjugated Thermochromic and Ladder-Type Oligomers, Polymers, and Networks: Manipulating Optical Properties of Organic Materials, Jiangnan University, Wuxi, China, January 17, 2018.

(58) Functional π -Conjugated Oligomers, Polymers, and Networks, Texas A&M University in Qatar, Doha, Qatar, November 28, 2017.

(69) Keynote Lecture: Synthesis, Processing and Function of Coplanar π -Conjugated Organic Polymers, International Symposium of Materials Horizon, Chinese Academy of Science, Beijing, China, June 3, 2017.

(70) Rigidifying and Coplanarizing π -Conjugated Molecules and Macromolecules, Peking University, Beijing, China, June 1, 2017.

(71) Molecular Coplanarity and Rigidity of π -Conjugated Organic Systems, Zhejiang University, Hangzhou, China, May 26, 2017.

(75) Molecular Coplanarity of π -Conjugated Organic Systems: from Synthesis to Function, Frontier Lectures for Materials Science, University of Chinese Academy of Science, Beijing, China, January 9, 2017.

¹⁰ http://edrplab.nchu.edu.cn/xwdt/content_107231

(76) Integrating Coplanarity, Rigidity, and Processability in Conjugated Macromolecules, Department of Polymer Science, Fudan University, Shanghai, China, January 6, 2017.

(78) Molecular Coplanarity of π -Conjugated Organic Systems: from Synthesis to Function, Texas A&M University at Qatar, Doha, Qatar, November 29, 2016.

(81) Synthesis and Solution Processing of Conjugated Ladder Polymers, The 24th International Conference on Science and Technology of Synthetic Metals, Guangzhou, China, June 30, 2016.

(82) Precision Synthesis and Solution Processing of Coplanar Conjugated Molecules and Polymers, Yaohu Forum, Jiangxi Normal University, Nanchang, China, June 16, 2016.

(83) Precision Synthesis and Solution Processing of Coplanar Conjugated Molecules and Polymers, Tianjin University, Tianjin, China, June 7, 2016.

(88) On the Molecular Engineering of Polymers for Artificial Muscles, Electronics, and Photovoltaics. Jilin University, Changchun, China, June 30, 2014.

(89) Side-Chain Engineering of Semiconducting Polymers for Plastic Solar Cells. Wuhan University International Forum for Interdisciplinary Sciences and Engineering, Wuhan, China, June 15, 2014.

(90) On the Molecular Engineering of Polymers for Artificial Muscles, Electronics, and Photovoltaics. ShanghaiTech University, Shanghai, China, June 10, 2014.

(91) Side-Chain Engineering of Semiconducting Polymers for Plastic Solar Cells. The 6th International Symposium on Polymer Chemistry, Shanghai, China, June 6, 2014.

(92) On the Molecular Engineering of Polymers for Artificial Muscles, Electronics, and Photovoltaics. Department of Polymer Science and Engineering, Zhejiang University, Hangzhou, China, June 4, 2014.

(93) On the Molecular Engineering of Polymers for Artificial Muscles, Electronics, and Photovoltaics. Department of Chemistry Seminar, Hong Kong Baptist University, Hong Kong, May 30, 2014.

External Scientific Committees and Professional Activities

Secretary, Chinese-American Chemistry & Chemical Biology Professors Association (CAPA) 2023~

Proposal Reviewer, US Department of Energy 2021

Proposal Reviewer, US Army Research Office 2020

Technical Advisory Committee Member, National-Local Joint Engineering Research Center for Heavy Metal Pollutant Control and Resource Utilization, Nanchang Hangkong University 2020

Flexible Joint Professor, Key Laboratory of Jiangxi Province for Persistent Pollutants Control and Resources Recycle, College of Environmental and Chemical Engineering, Nanchang Hangkong University 2018~2021

Co-Founder, Ningbo Kunpeng Environmental Sci-Tech, Ltd 2017¹¹

Session Chair, The 13th International Symposium on Functional π -Electron Systems, Hong Kong 2017

Proposal Reviewer, National Science Foundation 2016~

Review Panelist, National Defense Science and Engineering Graduate Fellowship 2016, 2017

Session Chair, The 6th International Symposium on Polymer Chemistry, Shanghai, China, June 5, 2014

¹¹ <https://m.qcc.com/firm/4796035ecb47adab003598e29c96d12c.html>

3) Publication Records with Nanchang Hangkong University (NCHU) Key Laboratory of Jiangxi Province for Persistent Pollutants Control and Resources Recycle (EDRPCLAB)¹²

2022

- “Oxygen-vacancy-rich phenanthroline/TiO₂ nanocomposites: An integrated adsorption, detection and photocatalytic material for complex pollutants remediation”
 - Note: Supported by National Natural Science Foundation of China (NSFC), Key Research and Development Project of Jiangxi Province, and the Natural Science Foundation of Jiangxi Province.¹³

2021

- “ π -Conjugation extension and defects introduction into g-C₃N₄ by phenanthroline molecular doping to form a metal-free electrochemical sensor towards effective 4-Nitrophenol detection”
 - Note: Supported by NSFC, the Key Research and Development Program of Jiangxi Province, Natural Science Foundation of Jiangxi Province (20192ACBL20042), and the Science Foundation for Young Scientists for Jiangxi Province-Key Project.¹⁴

2020

- “Cyclodextrin-derived polymer networks for selective molecular adsorption”
 - Note: Supported by Natural Science Foundation of Jiangxi Province and NSFC.¹⁵
- “Electrical vapour sensing with macrocyclic molecular receptors”
 - Note: Supported by NSFC.¹⁶

2019

- “Rigid Ladder-Type Porous Polymer Networks for Entropically Favorable Gas Adsorption”¹⁷

Select NCHU EDRPCLAB Known Associates¹⁸

- JIANG Hualin [蒋华麟] – Vice Dean¹⁹
- ZOU Jianping [邹建平] – Graduate School Dean²⁰
- TU Xinman [涂新满] – Vice Dean²¹

¹² <https://web.archive.org/web/20210812003802/https://edrpclab.nchu.edu.cn/>

¹³ <https://www.sciencedirect.com/science/article/abs/pii/S1001841721004940?via%3Dihub>

¹⁴ <https://www.sciencedirect.com/science/article/abs/pii/S0925963521003204?via%3Dihub>

¹⁵ <https://pubs.rsc.org/en/content/articlepdf/2020/cc/d0cc04784h>

¹⁶ <https://www.tandfonline.com/doi/full/10.1080/10610278.2020.1726916>

¹⁷ <https://pubs.acs.org/doi/10.1021/acsmaterialslett.9b00434>

¹⁸ <https://web.archive.org/web/20240707092823/http://edrpclab.nchu.edu.cn/yjtd/rygc>

¹⁹ https://web.archive.org/web/20240706142157/http://huanhua.nchu.edu.cn/szll/jsxx/content_58094

²⁰ https://web.archive.org/web/20240706232402/http://huanhua.nchu.edu.cn/szll/jsxx/content_58140

²¹ https://web.archive.org/web/20240706115826/http://huanhua.nchu.edu.cn/szll/jsxx/content_58116

4) Additional Foreign Influence Indicators by Year

2025

- “Controlling the Conductivity of Cyclo[8]pyrrole Polyiodide Cocrystals via Minor Substituent Group Changes”
 - Beijing Normal University
 - Note: Supported by NSFC.²²

2022

- “Thiazole fused S , N -heteroacene step-ladder polymeric semiconductors for organic transistors”
 - Beijing University of Chemical Technology²³
- “Topological Design of Highly Anisotropic Aligned Hole Transporting Molecular Bottlebrushes for Solution-Processed OLEDs”
 - Wuhan University²⁴

2021

- “Design, synthesis and characterization of fused bithiazole- and dithiophene-based low bandgap thienylenevinylene copolymers”
 - Southern University of Science and Technology²⁵
- “Robust Jumping Actuator with a Shrimp-Shell Architecture”
 - State Key Laboratory of Medicinal Chemical Biology, Nankai University
 - China Pharmaceutical University
 - Note: Supported by NSFC and Ministry of Science and Technology of the People's Republic of China (MOST).²⁶
- “Feasible fabrication and textile application of polymer composites featuring dual optical thermoresponses”
 - Jiangnan University
 - Note: Supported by China Scholarship Council (CSC), Ministry of Education of the People's Republic of China (MOE), and NSFC.²⁷
- “Highly Efficient Water Splitting Catalyst Composed of N,P-Doped Porous Carbon Decorated with Surface P-Enriched Ni₂P Nanoparticles”
 - State Key Laboratory of Heavy Oil Processing, China University of Petroleum, Beijing
 - Note: Supported by NSFC.²⁸
- “Solution-processable porous graphitic carbon from bottom-up synthesis and low-temperature graphitization”
 - State Key Laboratory of Heavy Oil Processing, China University of Petroleum, Beijing
 - South China University of Technology²⁹

2020

- “Extraordinary electrochemical stability and extended polaron delocalization of ladder-type polyaniline-analogous polymers”
 - Shenzhen University

²² <https://pubs.acs.org/doi/10.1021/jacs.5c05723>

²³ <https://pmc.ncbi.nlm.nih.gov/articles/PMC9600222/>

²⁴ <https://pubs.acs.org/doi/10.1021/jacs.2c00420>

²⁵ <https://www.osti.gov/biblio/1982213>

²⁶ <https://advanced.onlinelibrary.wiley.com/doi/10.1002/adma.202104558>

²⁷ <https://www.sciencedirect.com/science/article/abs/pii/S1385894721011402?via%3Dihub>

²⁸ <https://pubs.acs.org/doi/10.1021/acsami.1c14363>

²⁹ <https://pubs.rsc.org/en/content/articlelanding/2021/sc/d1sc01902c>

- Note: Supported by NSFC.³⁰
- “Cyclodextrin-derived polymer networks for selective molecular adsorption”
 - Tsinghua University
 - Note: Supported by NSFC.³¹
- “Aromatic porous polymer network membranes for organic solvent nanofiltration under extreme conditions”
 - South China University of Technology.
 - Note: Supported by CSC.³²
- “Augmented polyhydrazone formation in water by template-assisted polymerization using dual-purpose supramolecular templates”
 - Tianjin University
 - Note: Supported by MOST.³³

2019

- “Pauli Paramagnetism of Stable Analogues of Pernigraniline Salt Featuring Ladder-Type Constitution”
 - Shenzhen University³⁴
- “Mesoporous silica nanobeans dual-functionalized with AIEgens and leaning pillar[6]arene-based supramolecular switches for imaging and stimuli-responsive drug release”
 - Jilin University
 - Note: Supported by NSFC.³⁵
- “Indacenodithiazole-Ladder-Type Bridged Di(thiophene)-Difluoro-Benzothiadiazole-Conjugated Copolymers as Ambipolar Organic Field-Effect Transistors”
 - Southern University of Science and Technology³⁶
- “High-Performance Thermoresponsive Dual-Output Dye System for Smart Textile Application”
 - Jiangnan University
 - Note: Supported by CSC, Jiangnan University, and NSFC.³⁷
- “Poly-Lipoic Ester-Based Coacervates for the Efficient Removal of Organic Pollutants from Water and Increased Point-of-Use Versatility”
 - Tianjin University
 - Henan University of Traditional Chinese Medicine
 - Note: Supported by MOST.³⁸

2018

- “Bis-Bipyridinium Gemini Surfactant-Based Supramolecular Helical Fibers and Solid State Thermochromism”
 - Tianjin University
 - Note: Supported by MOST.³⁹
- “Cover Feature: Assembly and Chiral Memory Effects of Dynamic Macroscopic Supramolecular Helices (Chem. Eur. J. 62/2018)”
 - Tianjin University⁴⁰

³⁰ <https://pubs.rsc.org/en/content/articlelanding/2020/sc/d0sc03348k>

³¹ <https://pubs.rsc.org/en/content/articlepdf/2020/cc/d0cc04784h>

³² <https://www.osti.gov/biblio/1801403>

³³ <https://pubs.rsc.org/en/content/articlelanding/2020/py/c9py01476d>

³⁴ <https://pubs.acs.org/doi/10.1021/jacs.9b12626>

³⁵ <https://pubs.rsc.org/en/content/articlelanding/2019/cc/c9cc07115f>

³⁶ <https://pubs.acs.org/doi/10.1021/acs.chemmater.9b03525>

³⁷ <https://advanced.onlinelibrary.wiley.com/doi/10.1002/adfm.201906463>

³⁸ <https://pubs.acs.org/doi/10.1021/acs.chemmater.9b00725>

³⁹ <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/chem.201803496>

⁴⁰ <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/chem.201804589>

- “Exceptional thermoelectric properties of flexible organic–inorganic hybrids with monodispersed and periodic nanophase”
 - Donghua University
 - Note: Supported by NSFC and China Association for Science and Technology (CAST).⁴¹
- “Assembly and Chiral Memory Effects of Dynamic Macroscopic Supramolecular Helices”
 - Tianjin University
 - Note: Supported by PetroChina Scientific Research and Technology Development Project and MOST.⁴²
- “Desymmetrized Leaning Pillar[6]arene”
 - State Key Laboratory of Inorganic Synthesis and Preparative Chemistry; Jilin University
 - State Key Laboratory of Supramolecular Structure and Materials; Jilin University
 - Note: Supported by NSFC.⁴³
- “Synthesis and Solution Processing of a Rigid Polymer Enabled by Active Manipulation of Intramolecular Hydrogen Bonds”
 - Note: Supported by CSC.⁴⁴
- “Cost-effective synthesis and solution processing of porous polymer networks through methanesulfonic acid-mediated aldol triple condensation”
 - Note: Supported by CSC.⁴⁵

2017

- “Tunable Thermochromism of Multifunctional Charge-Transfer-Based Supramolecular Materials Assembled in Water”
 - Tianjin University
 - Note: Supported by MOST.⁴⁶
- “Extended Ladder-Type Benzo[k]tetrathene-Derived Oligomers”
 - State Key Laboratory of Silicon Materials, Zhejiang University⁴⁷

2016

- “Thermochromic Materials: Versatile Thermochromic Supramolecular Materials Based on Competing Charge Transfer Interactions (Adv. Funct. Mater. 47/2016)”
 - Tianjin University⁴⁸
- “Versatile Thermochromic Supramolecular Materials Based on Competing Charge Transfer Interactions”
 - Tianjin University
 - Note: Supported by MOST.⁴⁹
- “A side-chain engineering approach to solvent-resistant semiconducting polymer thin films”
 - Peking University⁵⁰

2015

- “Construction of stable polymeric vesicles based on azobenzene and beta-cyclodextrin grafted poly(glycerol methacrylate)s for potential applications in colon-specific drug delivery”

⁴¹ <https://www.nature.com/articles/s41467-018-06251-9.pdf>

⁴² <https://chemistry-europe.onlinelibrary.wiley.com/doi/10.1002/chem.201803005>

⁴³ <https://onlinelibrary.wiley.com/doi/10.1002/anie.201805980>

⁴⁴ <https://pubs.acs.org/doi/10.1021/acsmacrolett.8b00388>

⁴⁵ <https://pubs.rsc.org/en/content/articlelanding/2018/qm/c7qm00485k>

⁴⁶ <https://pubs.acs.org/doi/10.1021/acs.chemmater.7b03273>

⁴⁷ <https://onlinelibrary.wiley.com/doi/10.1002/anie.201707595>

⁴⁸ <https://advanced.onlinelibrary.wiley.com/doi/10.1002/adfm.201670308>

⁴⁹ <https://advanced.onlinelibrary.wiley.com/doi/10.1002/adfm.201603364>

⁵⁰ <https://pubs.rsc.org/en/content/articlelanding/2016/py/c5py01669j>

- Tianjin University of Technology
- State Key Laboratory of Inorganic Synthesis and Preparative Chemistry, Jilin University⁵¹

4a) Google Scholar Declining Publication Record with Texas A&M University

FANG's Google Scholar profile⁵² included the following number of publications between 2015 – 2025:

- 2015 – 5
- 2016 – 8
- 2017 – 9
- 2018 – 13
- 2019 – 8
- 2020 – 13
- 2021 – 11
- 2022 – 15
- 2023 – 5
- 2024 – 7
- 2025 – 9

5) FANG Texas A&M University Student Records

FANG traveled to multiple Chinese research entities between 2015 – 2025. FANG's faculty profile⁵³ indicated he is from Poyang, a town close to Nanchang. The following student trends were identified on FANG's faculty profile:

- Graduate Students
 - Ten (10) Students from Chinese research entities.
- Postdoctoral Scholars
 - Three (3) Scholars from Chinese research entities.
- Visiting Researchers
 - Seven (7) Researchers from Chinese research entities.

Note: FANG's publications indicated select TAMU students were supported by China Scholarship Council (CSC) funding support.

⁵¹ <https://pubs.rsc.org/en/content/articlelanding/2015/cc/c5cc00628g>

⁵² <https://scholar.google.com/citations?user=gBMGQLgAAAAJ&hl=en>

⁵³ <https://www.chem.tamu.edu/rgroup/fang/principle-investigator.html>

6) Contextual Information

- The Chinese-American Chemistry & Chemical Biology Professors Association (CAPA) solicited Maligned Foreign Talent Recruitment Program materials from Southern University of Science and Technology, Nankai University, Wuhan University, and the Xiamen University/Fudan University Innovation Center of Chemistry for Energy Materials.⁵⁴ FANG's CV indicated he was the Secretary of CAPA beginning in 2023.
- A NCHU Science & Technology webpage indicated FANG potentially contributed directly to an NSFC Key Project research grant. It is likely the grant was overseen by NCHU collaborator TU Xinman between 2018 – 2021:
 - *"Design, Synthesis and Performance Study of Next-Generation Organic Photovoltaic Materials Containing Quinone Ladder Structures"* [含醌式梯状结构的下一代有机光伏材料的设计、合成与性能研究]
 - *2019 Jiangxi Provincial Science and Technology Joint Funding Program of Nanchang Aviation University* [南昌航空大学关于2019年江西省科技计划]
 - *FANG Lei* [方磊]⁵⁵
- Multiple findings were corroborated by FANG's 2024 CV. At least two additional CV versions were identified (September 2018 & April 2020).^{56 57} Specific references to the NCHU Joint Professorship were omitted from both versions, and references to Ningbo Kunpeng Environment were limited. Regardless, the 2018 and 2020 versions included multiple references of potential foreign influence which should have been identified before FANG returned to China.
- A 2025 Yongjiang Laboratory (YLAB) publication cited clear funding support and staffing behaviors via Maligned Foreign Talent Recruitment Programs.⁵⁸
- FANG's YLAB email address is [lei-fang@ylab.ac.cn]. YLAB's news coverage of FANG indicated he maintained a higher position within YLAB and potentially participated in the development of the Laboratory beginning in 2022 (FANG is currently the Director of YLAB's Center for Functional Organic Materials).^{59 60 61 62}
- Zhejiang Provincial Laboratory for New Materials / Yongjiang Laboratory (YLAB) [甬江实验室] was established on 19 May 2021 and focuses on advanced ceramics, nanomaterials, new energy materials, and novel displays, among other technology areas.^{63 64 65}
- A 23 October 2025 YLAB article covered FANG's role as an Interviewer for Overseas High-Level Talents (Youth Batch), a duty not given to just anyone and confirms the "reach back" into domestic laboratories:
 - *"Having just finished an interview for recruiting high-level young talents from overseas, Fang Lei neatly stacked the resumes of applicants from prestigious universities such as MIT, the University of Hong Kong, and Tsinghua University..."* [刚结束一场引进海外高层次青年人才的面试，方磊把来自麻省理工大学、香港大学、清华大学等知名高校应聘者的简历叠好。].⁶⁶

⁵⁴ <https://web.archive.org/web/20250712060405/https://www.chembiocapa.org/career-opportunities>

⁵⁵ https://kjc.nchu.edu.cn/xwgg/xwzx/content_56602

⁵⁶ https://www.chem.tamu.edu/rgroup/fang/publication/Lei%20Fang_CV_201809.pdf

⁵⁷ https://www.chem.tamu.edu/rgroup/fang/publication/Lei%20Fang_CV_public_2020_04.pdf

⁵⁸ <https://www.mdpi.com/2079-4991/15/11/863>

⁵⁹ https://www.ylab.ac.cn/news/yj_news/10-14/1625541149.html

⁶⁰ <https://www.ylab.ac.cn/fomc/recruitment/>

⁶¹ <https://www.gaoxiaojob.com/announcement/detail/346486.html>

⁶² https://www.scmp.com/news/china/science/article/3331924/texas-am-deputy-chemistry-chair-fang-lei-joins-us3-billion-chinese-lab?module=perpetual_scroll_0&pgtype=article

⁶³ <https://web.archive.org/web/20241208132510/https://www.gaoxiaojob.com/company/detail/562.html>

⁶⁴ https://www.most.gov.cn/dfkj/zj/zxdt/202308/t20230803_187415.html

⁶⁵ <https://www.sciencehr.net/html/yanjiuyuansuo/2025/06/142106.html>

⁶⁶ https://www.ylab.ac.cn/news/yj_news/10-23/1516338438.html

- A 2018 paper cited funding support from the China Association for Science and Technology (CAST), a known facilitator of overseas technology transfer.^{67 68}
- YLAB news articles indicated FANG contributed to YLAB efforts during Summer 2025.^{69 70}
- NCHU's ERDPCLAB currently engages in Chinese National Defense Basic Research Projects⁷¹, and during FANG's Joint Visiting Professorship with the Laboratory.⁷²

⁶⁷ <https://www.nature.com/articles/s41467-018-06251-9.pdf>

⁶⁸ <https://www.cast.org.cn/>

⁶⁹ https://www.ylab.ac.cn/news/yj_news/07-01/1611031758.html

⁷⁰ <https://www.ylab.ac.cn/Content/2025/08-28/1032026524.html>

⁷¹ <https://web.archive.org/web/20250708233709/http://edrpclab.nchu.edu.cn/sysgk/sysjj>

⁷² <https://web.archive.org/web/20211019144023/http://edrpclab.nchu.edu.cn/sysgk/sysjj>